

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>							Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM	TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW16R  CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OBLON AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.08 INBOUND. CHART FAS OBST: 855 BLD 330004N/0971856W DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.11 MILES TO RW16R* *LNAV ONLY. WAAS CHANNEL # 99338 REFERENCE PATH ID: W16A CHART CIRCLING ICON. LTP HAE: 189.1 M						
MQP VORTAC	PULSE (FB)			035.98 / 34.44			4000								
UKW VORTAC	FUNGO (FB)			127.41 / 23.81			4000								
PULSE (IAF)	KEENE (FB)			076.08 / 10.00			3000								
FUNGO (IAF)	KEENE (FB)			127.61 / 7.00			3000								
KEENE (IF)	ROMPS (FB)			166.19 / 7.00			2400								
ROMPS (FAF)	DHOB/2.00 NM TO RW16R (FB)			166.20 / 3.13											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KEENE 3. FAC: 166.20 FAF: ROMPS DIST FAF TO MAP: 5.13 THLD: 5.13 4. MIN. ALT: KEENE 3000, ROMPS 2400, DHOB/2.00 NM TO RW16R 1400* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: ROMPS 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR 8. MSA FROM: RW16R 4000															
										MAG VAR: 4E			EPOCH YEAR: 2015		
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	962	3/4	250	962	3/4	250	962	3/4	250	962	3/4	250	962	3/4	250
LNAV/VNAV DA	1017	1	305	1017	1	305	1017	1	305	1017	1	305	1017	1	305
LNAV MDA	1120	1	408	1120	1	408	1120	1 1/8	408	1120	1 1/8	408	1120	1 1/8	408
CIRCLING	1200	1	477	1320	1	597	1360	1 3/4	637	1380	2	657	1380	2 1/4	657
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C @ CAT E 800-2 1/4 (130F). CHART NOTE: CIRCLING NA EAST OF RWY 16L-34R. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE			ELEVATION: 723 TDZE: 712			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		
FORT WORTH, TX			AIRPORT NAME:			RNAV			RNAV (GPS) RWY 16R, ORIG				AMDT: NONE		
			FORT WORTH ALLIANCE						10 DECEMBER 2015						



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DHOB/2.00 NM TO RW16R	RW16R (MAP) (FO)	166.20 / 2.00	
RW16R (MAP)	1200 MSL	166.20	1200
1200 MSL	OBLON (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MQP VORTAC ON V568 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON UKW VORTAC AIRWAY RADIALS 065 CW 083.

QUALITY  
14  
CHECKED

CITY AND STATE  
FORT WORTH, TX

ELEVATION: 723 TDZE: 712  
AIRPORT NAME:  
FORT WORTH ALLIANCE

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 16R, ORIG**  
10 DECEMBER 2015

SUP:  
AMDT: **NONE**  
DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAFW
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	325942.5420N
LTP/FTP LONGITUDE	0971917.0715W
LTP/FTP ELLIPSOIDAL HEIGHT	+01891
FPAP LATITUDE	325814.5690N
FPAP LONGITUDE	0971859.0635W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 5B12A035

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02168
FPAP ORTHOMETRIC HEIGHT	+02168

QUALITY  
14  
CHECKED

CITY AND STATE  FORT WORTH, TX	ELEVATION: 723      TDZE: 712 AIRPORT NAME:  FORT WORTH ALLIANCE	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 16R, ORIG  10 DECEMBER 2015	SUP:
				AMDT:      NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION												Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KAFW														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
MQP	010	MQP	IF	FB										V
MQP	020	PULSE	TF	FB	2.0	036.0						AA 04000		E A
MQP	030	KEENE	TF	FB	1.0	076.1						AA 03000		EE B
UKW	010	UKW	IF	FB										V
UKW	020	FUNGO	TF	FB	2.0	127.4						AA 04000		E A
UKW	030	KEENE	TF	FB	1.0	127.6						AA 03000		EE B
	010	KEENE	IF	FB								AA 03000		E I
	020	ROMPS	TF	FB	0.5	166.2				RW16R		AA 02400		E F
	021	DHOB1	TF	FB	0.3	166.2		3.00				AA 01400 GS 01403		E S
	030	RW16R	TF	FO	0.3	166.2		3.00				AT 00766		GY M
	040		CA	FB		166.2						AA 01200		M
	050	OBLON	DF	FO					R			AA 03000		EY
	060	OBLON	HM	FO		122.1			R			AA 03000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
MQP			N324334.25			W0975950.79								
UKW			N333209.19			W0974916.60								
DHOB1			N330141.02			W0971941.34								
FUNGO			N331620.67			W0972758.78								
KEENE			N331141.09			W0972144.55								
OBLON			N330829.60			W0973257.21								
PULSE			N330958.11			W0973328.87								
ROMPS			N330446.42			W0972019.36								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW16R		N325942.54		W0971917.07		00711		55						

QUALITY  
14  
CHECKED

CITY AND STATE <b>FORT WORTH, TX</b>	ELEVATION: <b>723</b>	TDZE: <b>712</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>FORT WORTH ALLIANCE</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 16R, ORIG</b> 10 DECEMBER 2015	AMDT: <b>NONE</b>
				DATED:	